

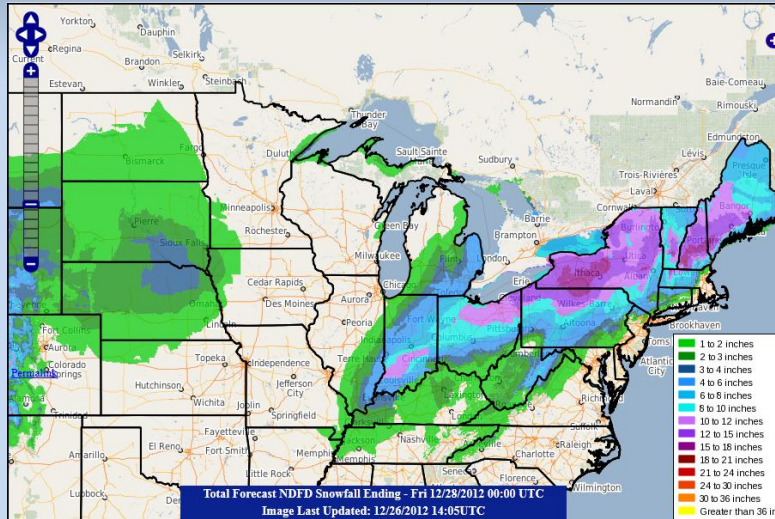


Snow Today and Tonight



Slide #1

Potential Snowfall through Early Thursday



Greens = 1 to 4 inches

Blues = 4 inches or More

White = No Snow Accumulation Currently Expected

Event Summary

Up to 4 inches of Snow Possible

This Afternoon through Early Thursday

East Central and Southeast Michigan

Created: Wednesday, December 26, 2012 – 1100 AM

NOAA National Weather Service - Grand Rapids, Michigan

Website: <http://www.weather.gov/grandrapids>

Email: w-grr.webmaster@noaa.gov

Phone: 616-949-0643



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Facebook





Winter Hazard Risk Assessment



Slide #2

For Southwest Lower Michigan

Extreme

High

Moderate



Low

Weather Like this is
Common

Typically Associated With
Some Disruption to Daily Life

Threat to Life and Property
Rarely Directly Threatening

Usual Recovery Time
Near When Weather Hazard Ends

Extreme:

- Historic Weather – Once Every 20+ years
- Extremely Threatening to Life/Property
- Total disruption of daily life
- Recovery Time: days or weeks

High:

- Rare Weather – 1 to 3 Times a Year
- Often Life Threatening
- Widespread disruption of daily life
- Recovery Time: 1 to 3 days

Moderate:

- Common Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: Near/Before weather ends



Confidence and Potential Impacts



Slide #3

Confidence this
Weather Will Occur

High

Medium



Low

Road Conditions

- Slippery road conditions Wednesday afternoon through Thursday AM
- Visibility near zero at times in blowing snow – Especially in the Dark

Travel Times
Affected

- Wednesday afternoon and Wednesday Night – greatly impacted
- Thursday morning – untreated surfaces still slippery

Additional
Potential Impacts

- Snow may blow over already treated roads

Power Outage
Potential

High

Medium

Low



Blowing/Drifting
Potential

High

Medium



Low

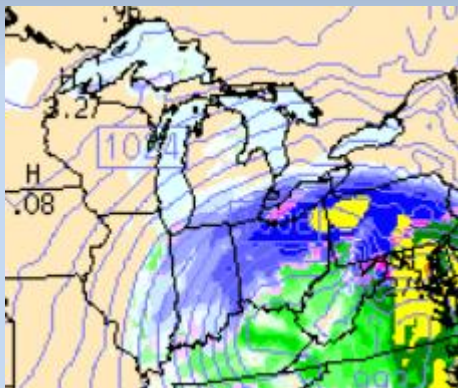


Timing of Winter Weather

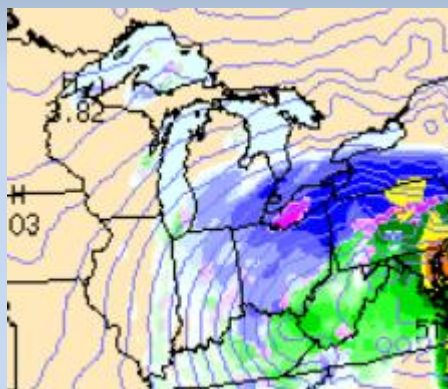


Slide #4

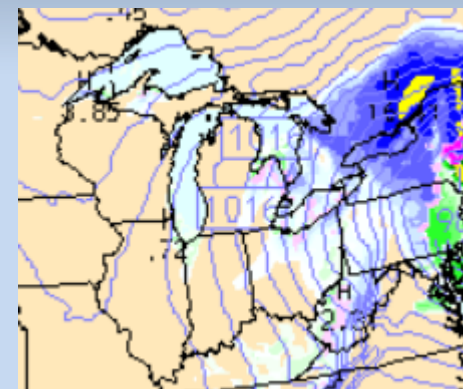
Weather Radar Forecast
1pm Wednesday



Weather Radar Forecast
7pm Wednesday



Weather Radar Forecast
4am Thursday



Beginning

- Snow will spread in from the south Wednesday afternoon
- Reaching the I-94 corridor (Kalamazoo/Jackson) shortly after noon
- Reaching the I-69 corridor (Battle Creek/Lansing) mid afternoon

Heaviest

- Heaviest snow is expected Wednesday 4pm to 10pm

Ending

- West of I-69 - Snow should end late Wednesday evening
- East of I-69 – Snow should end by Thursday morning

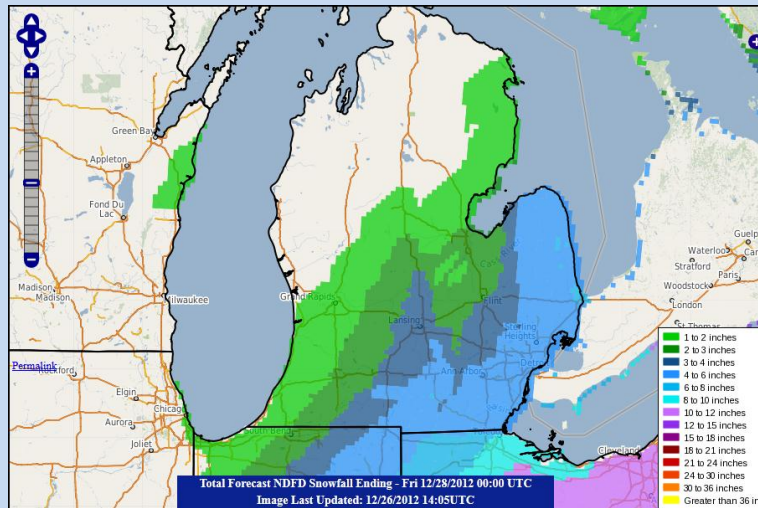


Total Snowfall Potential

Through Wednesday night



Slide #5



Potential Snowfall through Thursday AM
(in inches)

Snow Accumulation

- Up to 4": along I-69 and south and east of I-69
 - 2 inches or less elsewhere

No snow accumulation possible
North of a line from Holland to Grand Rapids to Alma

Maximum Snowfall Rate

One half inch Per Hour at times

Type of Snow

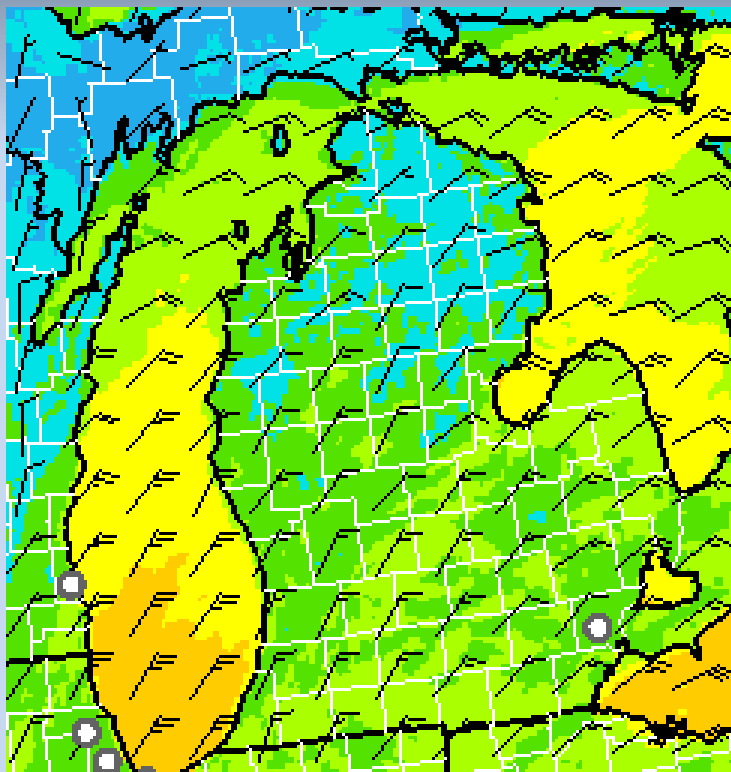
Light/Fluffy



Additional Hazards



Slide #6



Winds Wednesday and Wednesday night
in mph

Visibility

- Down to $\frac{1}{2}$ mile in snow
- Near zero visibilities possible Wednesday night

Wind Direction and Wind Speed

- From the Northeast 15 to 30 mph
- Becoming 5 to 15 mph Thursday AM

Wind Chill Temperatures

- +15 to +25 Degrees Wednesday
- +5 to +15 Degrees Wednesday Night

Ice Accumulation

None Expected



Slide #7

Event Summary



- **Highest snow along and to the south and east of I-69**
- **Blowing and Drifting snow possible with gusty winds**
- **Travel Wednesday afternoon and night Impacted**



For Additional Information



Slide #8

Links Below are Clickable in PDF File of the Briefing



Winter Weather Briefing Slides
www.weather.gov/grandrapids/webinars

Regional Weather Radar Loop
www.weather.gov/radar

Additional Winter Forecast Information
<http://go.usa.gov/RE6>

Hazard Summary Page
www.crh.noaa.gov/hazards/grr

NOAA National Weather Service - Grand Rapids, Michigan

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